

1 Claims 1-14, 16-17, 20-27 and 29-42 remain in the Application as follows:

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3 **1. (Currently Amended)** A programming interface embodied on
4 one or more computer-readable storage media, comprising:

5 a first group of services related to re-usable user interface controls, the first
6 group of services including a control that allows preview images of items to be
7 displayed;

8 a second group of services related to user interface dialogs and user
9 interface wizards, the second group of services including a first dialog to allow
10 files and folders to be opened and saved;

11 a third group of services related to extending the user interface
12 functionality, the third group of services including functionality to allow
13 identification of application-defined thumbnails; and

14 a fourth group of services related to extending functionality of a desktop of
15 the user interface, the fourth group of services including functionality to allow a
16 sidebar to be displayed on the desktop, wherein the first and second and third and
17 fourth groups of services are defined by respective namespaces of the
18 programming interface.

1 **2. (Currently Amended)** A programming interface as recited in
2 claim 1, wherein the first group of services includes:

3 a first control that encapsulates a storage user experience;
4 a second control that allows an item to be displayed in an application-
5 defined manner;
6 a third control that allows items to be added to a sidebar of the desktop; and
7 a fourth control that allows items to be added to a list;and
8 a fifth control that allows preview images of items to be displayed.

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10 **3. (Currently Amended)** A programming interface as recited in
11 claim 1, wherein the second group of services includes:

12 a first dialog to allow files and folders to be opened and saved;
13 a first wizard to allow optical discs to be written to; and
14 a second wizard to facilitate sending images by electronic mail.

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16 **4. (Currently Amended)** A programming interface as recited in
17 claim 1, wherein the third group of services includes:

18 a first functionality to allow additions to context menus; and
19 a second functionality to allow identification of application-defined
20 thumbnails; and
21 a third second functionality to allow calculations to be performed when
22 displaying information regarding one or more files or folders.

1 **5. (Currently Amended)** A programming interface as recited in
2 claim 1, wherein the fourth group of services includes:

3 a first functionality to allow a sidebar to be displayed on the desktop; and
4 a second functionality to allow application-defined notifications to be
5 displayed on the desktop.

6 **7. (Currently Amended)** A system implemented by way of one or
8 more computers, comprising:

9 means for exposing a first set of functions that enable re-usable controls of
10 a user interface;

11 means for exposing a second set of functions that enable re-usable dialogs
12 of the user interface and re-usable wizards of the user interface; and

13 means for exposing a third set of functions that enable extending
14 functionality of a desktop of the user interface, wherein the means for exposing the
15 first set of functions including means for exposing one or more functions that
16 allow items to be added to a sidebar of the desktop.

17 **7. (Original)** A system as recited in claim 6, further comprising:

18 means for exposing a fourth set of functions that enable extending
19 functionality of the user interface.

1 **8. (Original)** A system as recited in claim 7, wherein the means for
2 exposing the fourth set of functions comprises:

3 means for exposing one or more functions to allow additions to context
4 menus;

5 means for exposing one or more functions to allow identification of
6 application-defined thumbnails; and

7 means for exposing one or more functions to allow calculations to be
8 performed when displaying information regarding one or more files or folders.

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10 **9. (Currently Amended)** A system as recited in claim 6, wherein
11 the means for exposing the first set of functions comprises:

12 means for exposing one or more functions that encapsulate a storage user
13 experience;

14 means for exposing one or more functions that allow an item to be
15 displayed in an application-defined manner;

16 means for exposing one or more functions that allow items to be added to a
17 sidebar of the desktop;

18 means for exposing one or more functions that allow items to be added to a
19 list; and

20 means for exposing one or more functions that allow preview images of
21 items to be displayed.

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1 **10. (Original)** A system as recited in claim 6, wherein the means for
2 exposing the second set of functions comprises:

3 means for exposing one or more functions that allow files and folders to be
4 opened and saved;

5 means for exposing one or more functions that allow optical discs to be
6 written to; and

7 means for exposing one or more functions that allow images to be sent by
8 electronic mail to be re-sized.

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10 **11. (Original)** A system as recited in claim 6, wherein the means for
11 exposing the third set of functions comprises:

12 means for exposing one or more functions that allow a sidebar to be
13 displayed on the desktop; and

14 means for exposing one or more functions that allow application-defined
15 notifications to be displayed on the desktop.

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1 **12. (Currently Amended)** A method implemented by way of one or
2 more computers of organizing a set of types for a user interface into a hierarchical
3 namespace comprising:

4 creating a plurality of groups from the set of types, each group containing at
5 least one type that exposes logically related functionality;

6 assigning a name to each group in the plurality, wherein one of the groups
7 in the plurality includes functionality related to re-useable user interface controls,
8 and wherein another of the groups in the plurality includes functionality related to
9 re-useable user interface dialogs and re-useable user interface wizards, and
10 wherein yet another of the groups of the plurality includes functionality to allow
11 application identification of thumbnails; and

12 selecting a top level identifier and prefixing the name of each group with
13 the top level identifier so that the types in each group are referenced by a
14 hierarchical name that includes the selected top level identifier prefixed to the
15 name of the group containing the type.

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17 **13. (Original)** A method as recited in claim 12, wherein yet another
18 of the groups in the plurality includes functionality related to extending user
19 interface functionality.

1 **14. (Currently Amended)** A method as recited in claim 13, wherein
2 the functionality related to extending user interface functionality comprises:
3 a first functionality to allow additions to context menus; and
4 a second functionality to allow application identification of thumbnails; and
5 a third second functionality to allow calculations to be performed when
6 displaying information regarding one or more files or folders.

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8 **15. (Cancelled).**

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10 **16. (Original)** A method as recited in claim 12, wherein yet another
11 of the groups in the plurality includes functionality related to extending
12 functionality of a user interface desktop.

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14 **17. (Original)** A method as recited in claim 16, wherein the
15 functionality related to extending functionality of a user interface desktop
16 comprises:
17 a first functionality to allow a sidebar to be displayed on the desktop; and
18 a second functionality to allow application-defined notifications to be
19 displayed on the desktop.

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21 **18-19. (Cancelled).**

1 **20. (Original)** A method as recited in claim 12, wherein the
2 functionality related to re-useable user interface controls comprises:

- 3 a first control that encapsulates a storage user experience;
4 a second control that allows an item to be displayed in an application-
5 defined manner;
6 a third control that allows items to be added to a list; and
7 a fourth control that allows preview images of items to be displayed.

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9 **21. (Original)** A method as recited in claim 12, wherein the
10 functionality related to re-useable user interface dialogs and re-useable user
11 interface wizards comprises:

- 12 a first dialog to allow files and folders to be opened and saved;
13 a first wizard to allow optical discs to be written to; and
14 a second wizard to facilitate sending images by electronic mail.

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1 **22. (Currently Amended)** A method implemented by way of one or
2 more computers, comprising:

3 creating a first namespace with functions that enable extending
4 functionality of a user interface, the first namespace including functionality to
5 allow calculations to be performed when displaying information regarding one or
6 more files or folders; and

7 creating a second namespace with functions that enable extending
8 functionality of a desktop of the user interface, the second namespace including:

9 a first functionality to allow a sidebar to be displayed on the desktop;

10 and

11 a second functionality to allow application-defined notifications to
12 be displayed on the desktop.

14 **23. (Original)** A method as recited in claim 22, further comprising:

15 creating a third namespace with functions that enable re-usable user
16 interface controls.

1 **24. (Original)** A method as recited in claim 23, wherein the third
2 namespace includes:

- 3 a first control that encapsulates a storage user experience;
4 a second control that allows an item to be displayed in an application-
5 defined manner;
6 a third control that allows items to be added to a sidebar of the desktop;
7 a fourth control that allows items to be added to a list; and
8 a fifth control that allows preview images of items to be displayed.

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10 **25. (Original)** A method as recited in claim 22, further comprising:
11 creating a third namespace with functions that enable user interface dialogs
12 and user interface wizards;

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14 **26. (Original)** A method as recited in claim 25, wherein the third
15 namespace includes:

- 16 a first dialog to allow files and folders to be opened and saved;
17 a first wizard to allow optical discs to be written to; and
18 a second wizard to facilitate sending images by electronic mail.

1 **27. (Original)** A method as recited in claim 22, wherein the first
2 namespace includes:

3 a first functionality to allow additions to context menus;
4 a second functionality to allow identification of application-defined
5 thumbnails; and
6 a third functionality to allow calculations to be performed when displaying
7 information regarding one or more files or folders.

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9 **28. (Cancelled).**

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11 **29. (Currently Amended)** A method implemented by way of one or
12 more computers, comprising:

13 calling one or more first functions to use controls of a user interface; and
14 calling one or more second functions to extend functionality of the user
15 interface, including one or more second functions to allow identification of
16 application-defined thumbnails.

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18 **30. (Original)** A method as recited in claim 29, further comprising:
19 calling one or more third functions to extend functionality of a desktop of
20 the user interface.

1 **31. (Original)** A method as recited in claim 30, wherein the functions
2 to extend functionality of the desktop include:

3 one or more functions to allow a sidebar to be displayed on the desktop;
4 and

5 one or more functions to allow application-defined notifications to be
6 displayed on the desktop.

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8 **32. (Original)** A method as recited in claim 29, further comprising:
9 calling one or more third functions to use dialogs and wizards of the user
10 interface.

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12 **33. (Original)** A method as recited in claim 32, wherein the functions
13 to use dialogs and wizards of the user interface include:

14 one or more functions to use a dialog to allow files and folders to be opened
15 and saved;

16 one or more functions to use a wizard to allow optical discs to be written to;
17 and

18 one or more functions to use another wizard to facilitate sending images by
19 electronic mail.

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1 **34. (Original)** A method as recited in claim 29, wherein the functions
2 to use controls of the user interface include:

3 one or more functions that encapsulate a storage user experience;
4 one or more functions that allow an item to be displayed in an application-
5 defined manner;
6 one or more functions that allow items to be added to a list; and
7 one or more functions that allow preview images of items to be displayed.

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9 **35. (Currently Amended)** A method as recited in claim 29, wherein
10 the functions to extend functionality of the user interface include:

11 one or more functions to allow additions to context menus; and
12 ~~one or more functions to allow identification of application defined~~
13 ~~thumbnails; and~~
14 one or more functions to allow calculations to be performed when
15 displaying information regarding one or more files or folders.

1 **36. (Currently Amended)** A method implemented by way of one or
2 more computers, comprising:

3 receiving one or more calls to one or more first functions to use controls of
4 a user interface; and

5 receiving one or more calls to one or more second functions to extend
6 functionality of a desktop of the user interface, wherein the first functions to use
controls of the user interface include one or more functions that allow items to be
added to a sidebar of the desktop, and wherein the second functions to extend
functionality of a user interface include one or more functions to allow
calculations to be performed when displaying information regarding one or more
files or folders.

12 **37. (Original)** A method as recited in claim 36, further comprising:

13 receiving one or more calls to one or more third functions to extend
14 functionality of the user interface.

16 **38. (Currently Amended)** A method as recited in claim 37, wherein
17 the functions to extend functionality of the user interface include:

19 one or more functions to allow additions to context menus; and
20 one or more functions to allow identification of application-defined
21 thumbnails; and
22 one or more functions to allow calculations to be performed when
23 displaying information regarding one or more files or folders.

1 **39. (Original)** A method as recited in claim 36, further comprising:
2 receiving one or more calls to one or more third functions to use dialogs
3 and wizards of the user interface.

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5 **40. (Original)** A method as recited in claim 39, wherein the functions
6 to use dialogs and wizards of the user interface include:

7 one or more functions to use a dialog to allow files and folders to be opened
8 and saved;

9 one or more functions to use a wizard to allow optical discs to be written to;
10 and

11 one or more functions to use another wizard to facilitate sending images by
12 electronic mail.

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14 **41. (Currently Amended)** A method as recited in claim 36, wherein
15 the functions to use controls of the user interface include:

16 one or more functions that encapsulate a storage user experience;

17 one or more functions that allow an item to be displayed in an application-
18 defined manner;

19 one or more functions that allow items to be added to a sidebar of the
20 desktop;

21 one or more functions that allow items to be added to a list; and

22 one or more functions that allow preview images of items to be displayed.

1 **42. (Original)** A method as recited in claim 36, wherein the functions
2 to extend functionality of the desktop include:

3 one or more functions to allow a sidebar to be displayed on the desktop;
4 and

5 one or more functions to allow application-defined notifications to be
6 displayed on the desktop.

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